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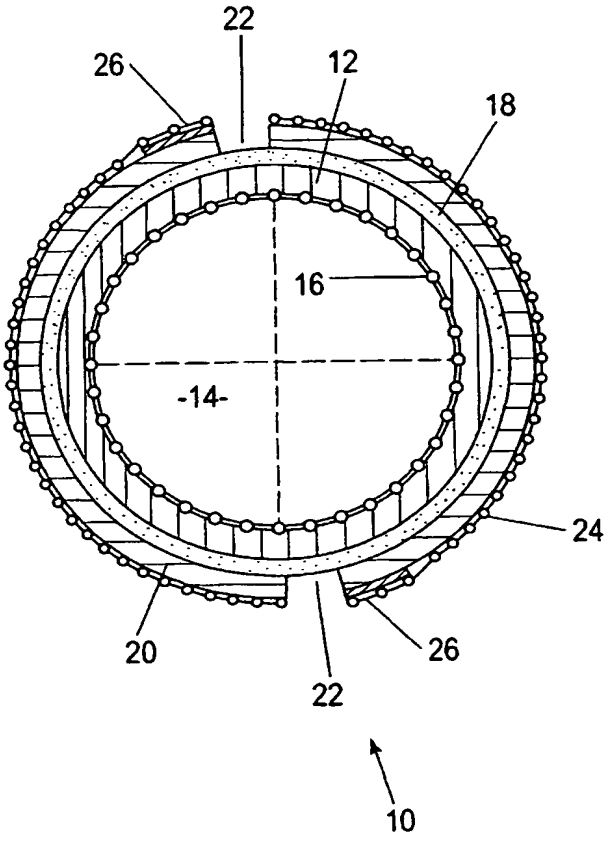
(54) Title: FUEL CELL ASSEMBLY



(57) Abstract: A tubular fuel cell assembly (10) comprising an anode side defining a tubular passage (14) for fuel gas, the anode side comprising an anode layer (12) and an anode-side current collector in electrical contact with the anode layer, a solid oxide electrolyte layer (18) on a radially outer surface of the anode layer, a cathode layer (20) on a radially outer surface of the electrolyte layer, and a cathode-side current collector on the cathode layer, wherein the anode-side current collector comprises a tubular metallic structure which is adapted to permit fuel gas in the passage to contact the anode layer, at least the surface of the tubular metallic structure being formed of Ni or Ni alloy, and wherein the tubular metallic structure is at least partly embedded in the anode layer.

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